

5.2 (continued) P(ro)= 0.15, p(ri)=0.10, P(ra)=0.05, p(r3)=0.05 P((4)= 0.10, P(rs) = 0.15, P(r6) = 0.25, P(r7) = 0.15 L= 8, 2 P(rx)=1 $S_0 = Round \ \mathcal{E}(8-1) \sum_{i=0}^{\infty} P(r_0=0) = Round \ \mathcal{E}7 \times 0.153 = 1$ $S_1 = Round \ \mathcal{E}7 \times (0.15 + 0.10) = 2$ 52= Round & 7x CO.15+0.10+0.05)3 = 2 S3 = Round & 7x (0.15+0.10+0.05+0.05)3 = 2 Sy= Round & 7x(0.15+0.10+0.05+0.05+0.10)3 = 3 S5 = Round &7x(0.15+0.10+0.05+0.05+0.10+0.15) = 4 SG = Round & 7x (0.15+0.10+0.05+0.05+0.10+0.15+0.25)3=6 Sy = Round & 7x Co. 15+ 0.10+0.05+0.05+0.10+0.15+ 0.25+0.15) = 7 SPONT (O) = 0 is no laive Pout (1) = P(ro) = 0.15 Powt(a) = P(r1)+P(r2)+P(r3)=0.10+0.05+0.05=0.20 Powt (3) = P((4) = 0.10) Powt(4)= P (15)= 0.15 Pout (5) = D P(r6) = 0.25 Pout (6) = Pout (7) = P(17) = 0.15 Histogram Equalization to con 1 Probability 0.30 0.25 0.00 0.15 0.10 0.05 I pledge my honor that I have abided by the Stevens Honor System. Deep A. Shah

66666666